

1. claim:

1. The invention relates to prevention of harmful infection from human contact in environmental areas with the use of antimicrobial sheets. Antimicrobial material that comes into contact with natural human non invasive touch or contact, would prevent the spread of infectious diseases. The use microorganisms have been known for a long time. The use of anitmicrobial active compounds are constructed in a pure form. Upon the touch and or contact from one human which may carry harmful bacterial, the invention would prevent such as harmful bacteria being spread and thus the active bacteria would be destroyed and not allowed to be spread to other humans .
2. An antimicrobial sheet as set forth in claim 1 in which mono or multi layered individual sheets are formed in a configuration to be applied to an Apparatus and or applied individually made to conform in some but not limited areas where human contact is made as described in Figures 3- 7
3. An antimicrobial sheet as set forth in claim 1 which is formed into a square individual sheet applied in areas of human contact as described in Fig.
4. An antimicrobial sheet as set forth in claim 1 which is formed into a individual rectangular sheet
5. An antimicrobial sheet as set forth in claims 1, 2, 3 and 4 which is in the form of an individual sheet and or multi layered individual sheets which is not limited to commercial and residential uses and is large enough to cover all types of surfaces that may contain harmful bacterial and certain viral Pathogens.

While I have disclosed in this specification and shown in it's drawing a detailed explanation of my invention, the true scope and extent of my invention is set forth only in the following claims.

Antimicrobial material that comes into contact with natural human non invasive touch, would prevent the spread of infectious diseases. The use microorganisms have been known for a long time. The use of anitmicrobial active compounds are constructed in a pure form. Upon the touch and or contact from one human which may carry harmful bacterial, the invention would prevent such as harmful bacteria being spread and thus the active bacteria would be destroyed.

The material containing antimicrobial compound would be in a monofilament and or multilayered sheet form. The form would contain active antimicrobial compounds that upon the release of any harmful diseases would be destroyed, thus preventing the spread of harmful bacteria and Viral infections.

The purpose of the invention is to prevent the spread of detrimental diseases that are passed on from one human unto another from touching, stepping and or breathing.

The scope of the invention is not contained within any prior art and therefore provides a new concept of prevention of infectious diseases and does not in any manner relate to invasive applications as outlined in claim.

The invention shall consist of a single or multi-layered antimicrobial hydrophobic material which will be synthetic or chemically induced, with polymers, such as polyethylene, polypropylene, polyurethane, polyamide, polyester, polyvinyl chloride, polytetrafluororthylene or polymers which are prepared by covalent linking of hydrophilic substances with hydrophobic groups, for example according to EP-B 21 230. The antimicrobial adsorbing properties of hydrophobic materials are known (cf. D.F. Gerson et al., Biochim. Biophys. Acta, 602 (1980, 506-510); Y. Fujioka-Hirai. Et al., J. of Biochemical Materials Research, Volume 21, 913-20 (1987); S.Hjecrten et al., J. of Chromatography 101 (1974), 281-288; M. Fletcher et al., Appl. And Environmental Microbiology, January 1979, 76-72.

The antimicrobial invention shall not be toxic or harmful to the human skin, and or shall not provide airborne protection by exmittance.

The present invention can be reused many times over a long period of time and users will be able to rely on it as an easy, compact, rugged, inexpensive, and reliable means for dealing with continued human contact that will prevent the spread of harmful diseases.